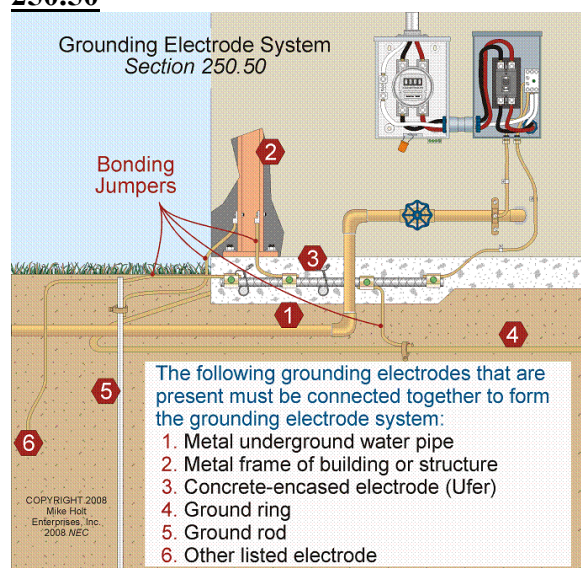


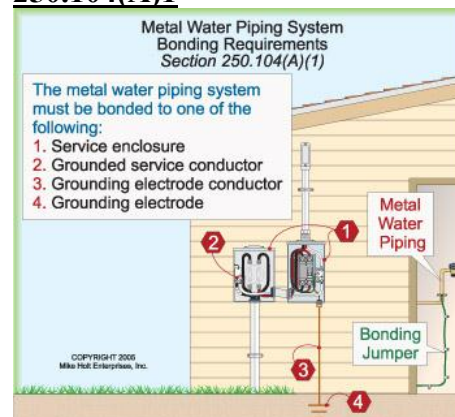
# SERVICE GROUNDING AND BONDING 2010 CALIFORNIA ELECTRICAL CODE SECTIONS 250.50, 250.104

## All available grounding electrodes shall be used to ground a new service CEC 250.50



Note: If an underground metal water pipe is used as a grounding electrode, a supplemental ground rod shall be installed. This may be installed near the service or near the point where the grounding electrode conductor (GEC) is connected to the underground metal water pipe (within 5' of the where the water service enters the house.)

## Bonding Interior Metal Water Pipe 250.104(A)1



Note: If the service is connected to the metal underground water system a bonding jumper may be installed at the water heater to bond the hot and cold water, and gas piping systems. The size of the bonding jumper must be the same as the grounding electrode conductor.

## Bonding Other Metal Piping System 250.104(B)

